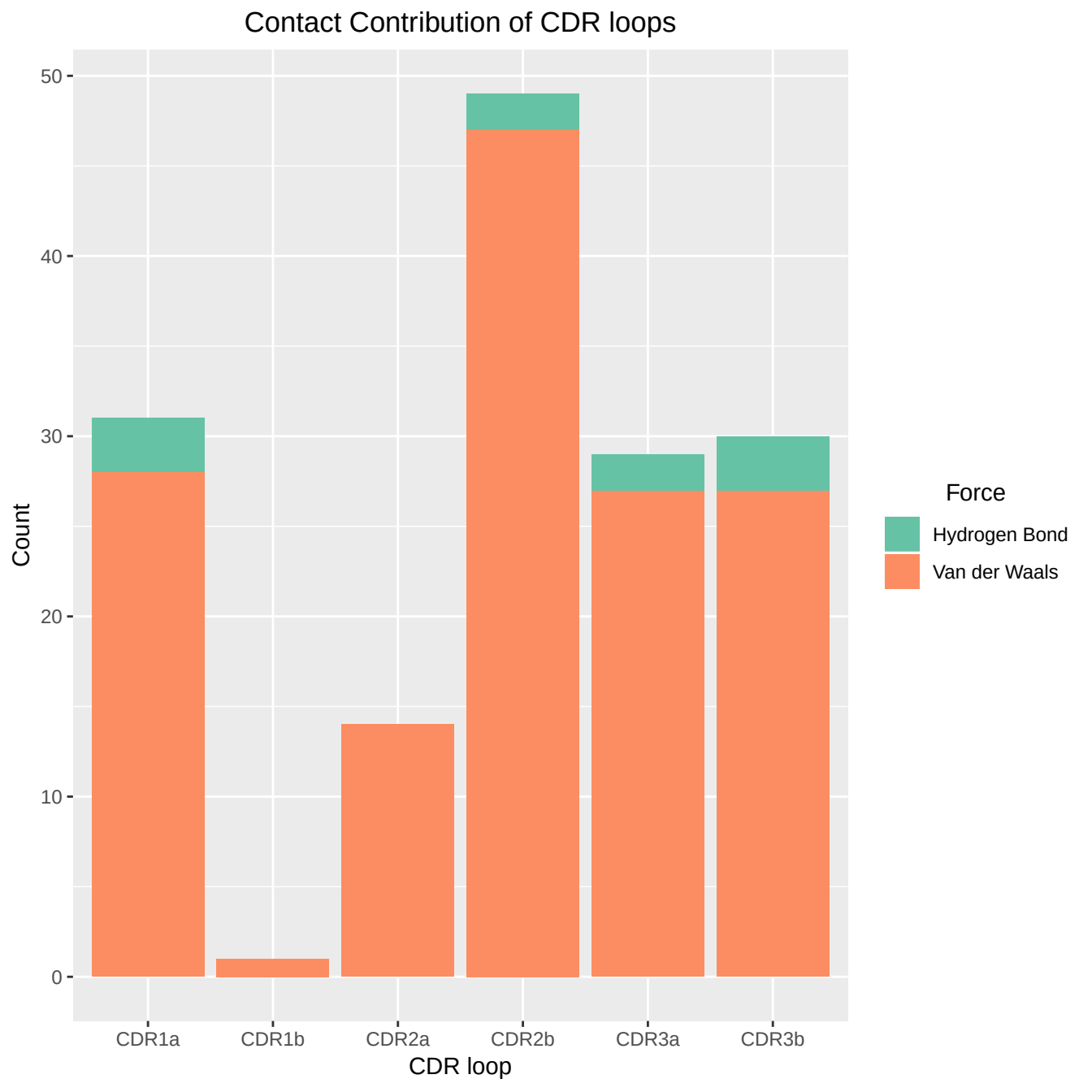
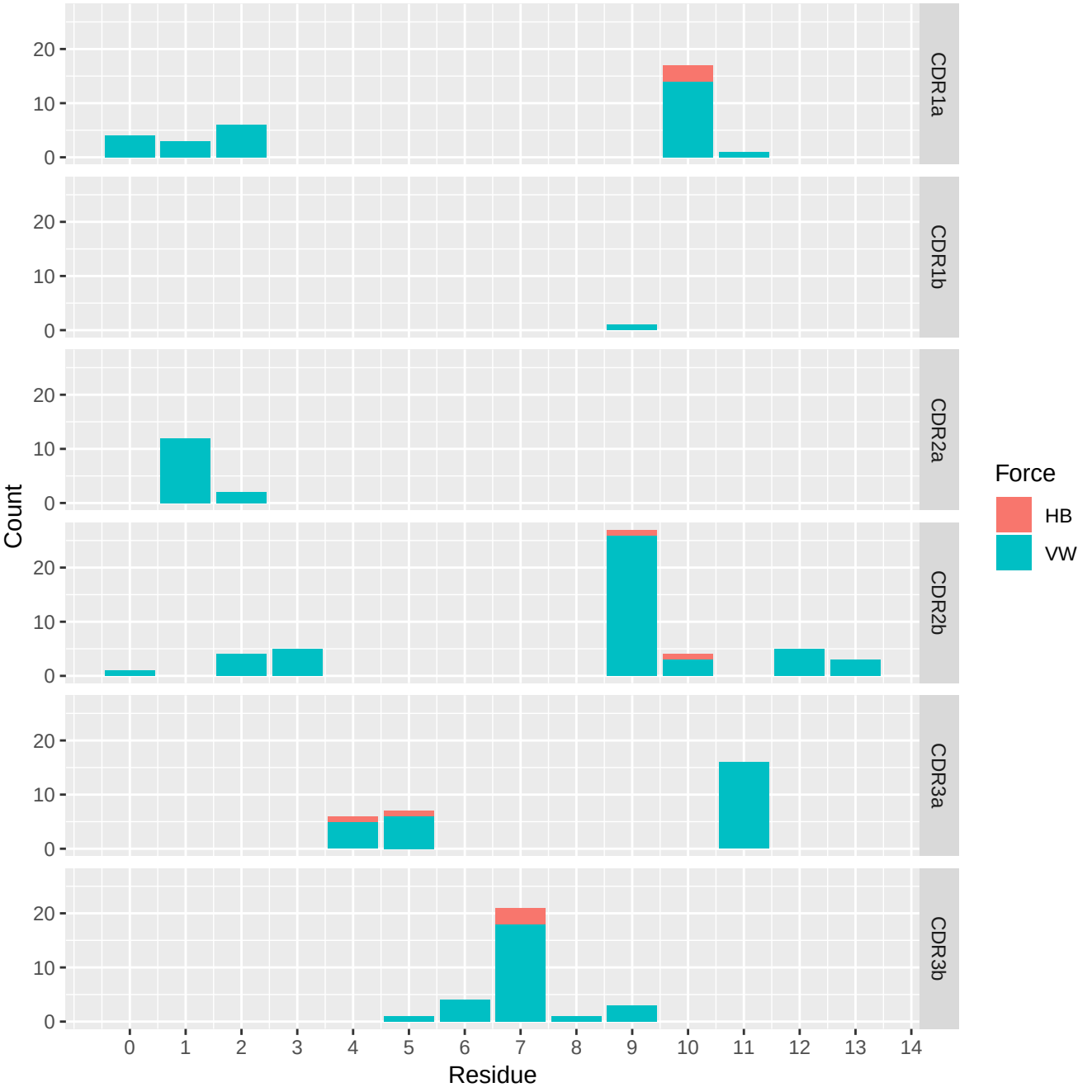
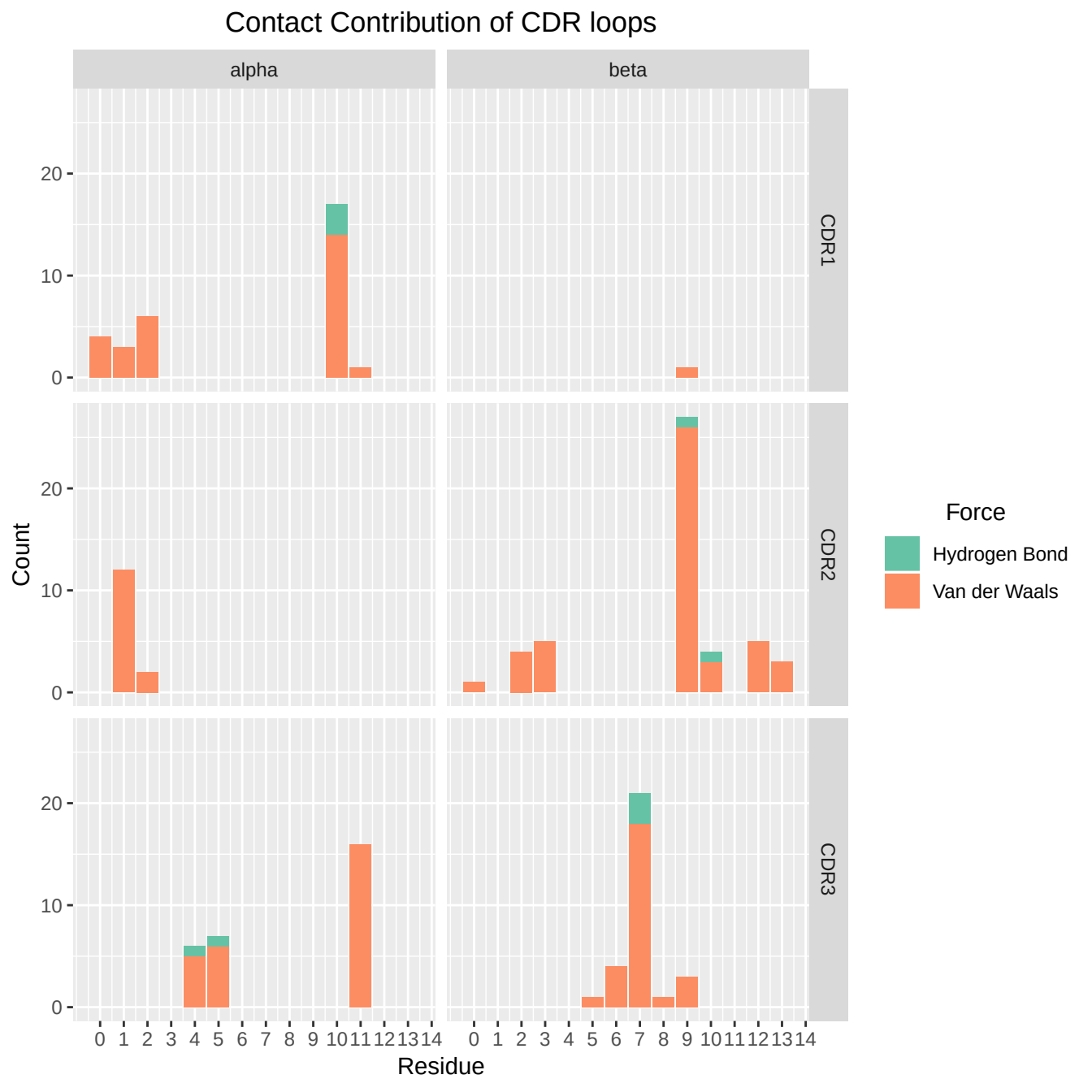
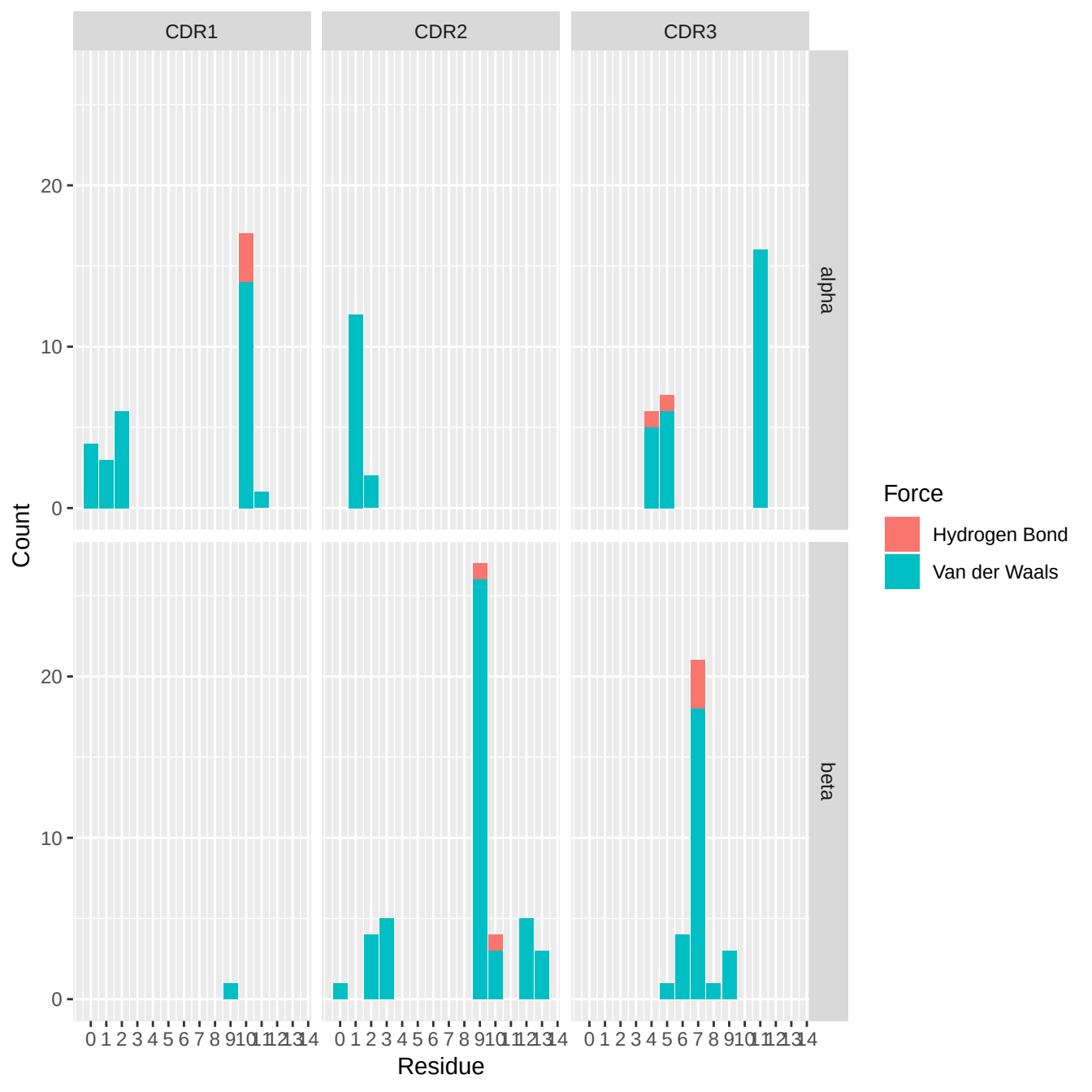
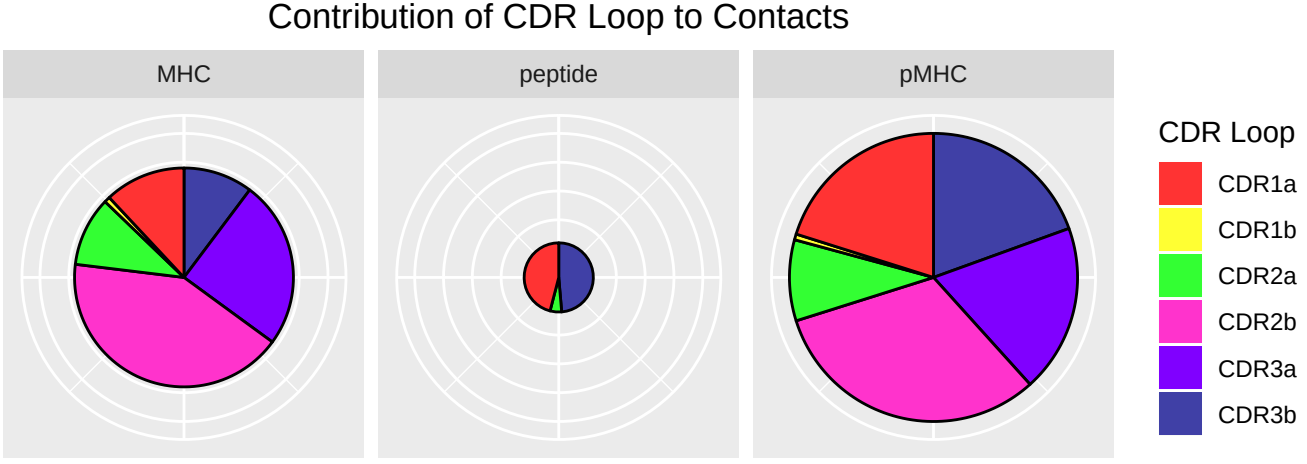
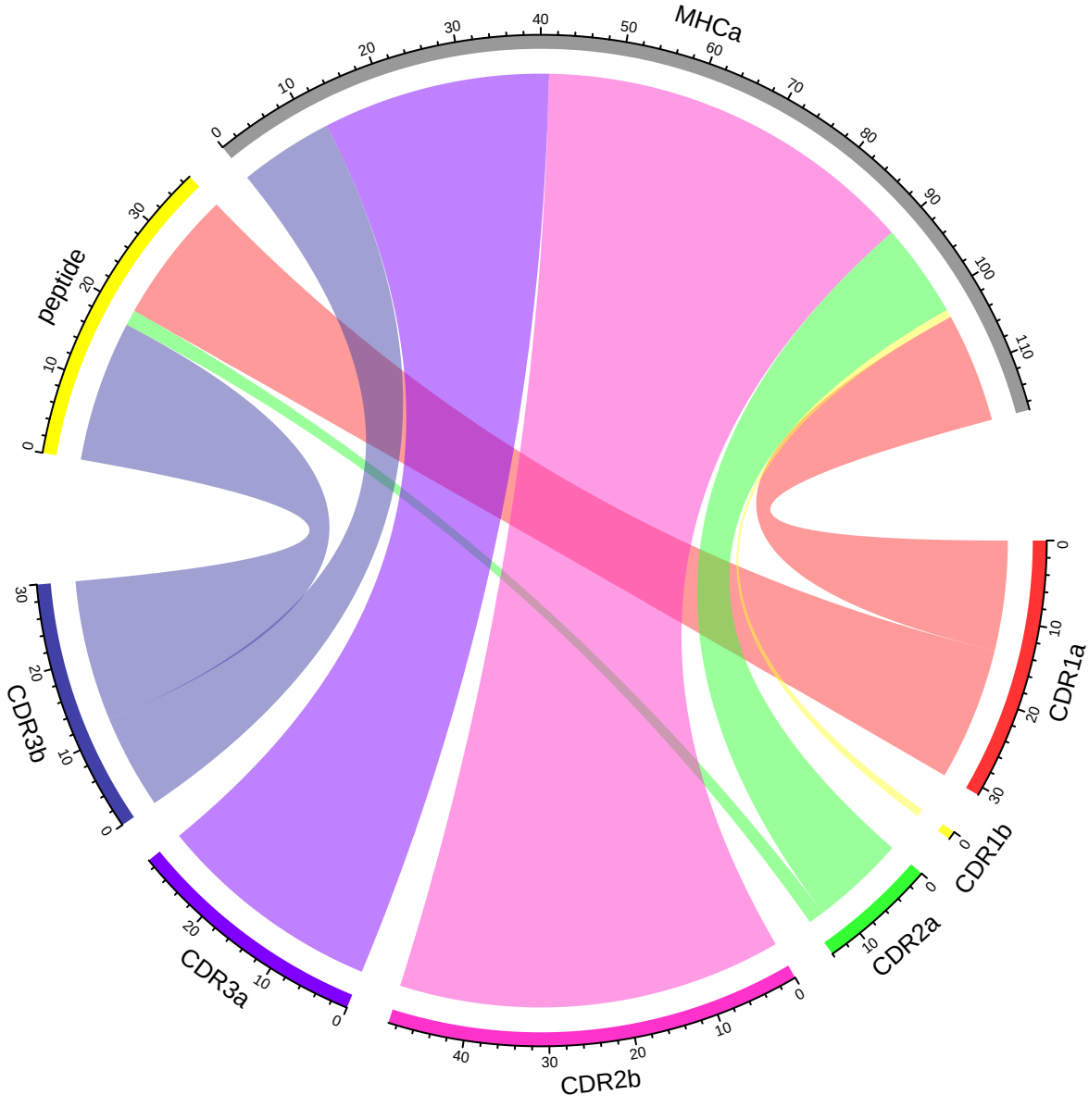

Contact Contribution of CDR loops
Count
50
40
30
20
10
0
CDR1a
CDR1b
CDR2a
CDR2b
CDR3a
CDR3b
CDR loop
Force
Hydrogen Bond
Van der Waals

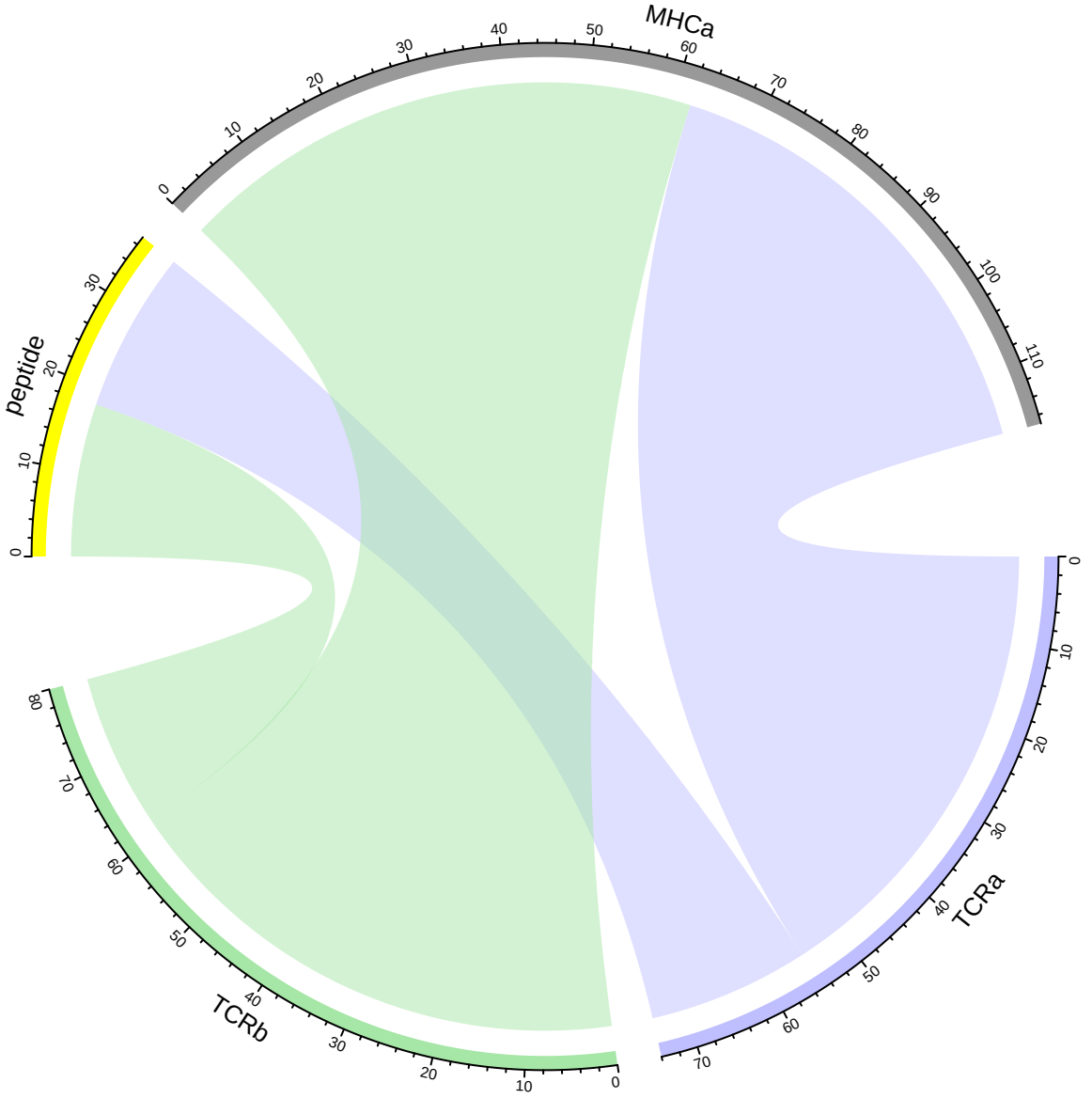

CDR1a
CDR1b
CDR2a
CDR2b
CDR3a
CDR3b
Count
Residue
Force
HB
VW
0
10
20
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14


Contact Contribution of CDR loops
alpha
beta
CDR1
CDR2
CDR3
Count
Residue
Force
Hydrogen Bond
Van der Waals


CDR1
CDR2
CDR3
alpha
beta
Count
Residue
Force
Hydrogen Bond
Van der Waals


Contribution of CDR Loop to Contacts
MHC
peptide
pMHC
CDR Loop
CDR1a
CDR1b
CDR2a
CDR2b
CDR3a
CDR3b


MHCa
peptide
CDR3b
CDR3a
CDR2b
CDR2a
CDR1b
CDR1a


MHCa
0
10
20
30
40
50
60
70
80
90
100
110
peptide
0
10
20
30
TCRb
0
10
20
30
40
50
60
70
80
TCRa
0
10
20
30
40
50
60
70